

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph no. 14 with the following amended paragraph:

To a first approximation, the Raman efficiency C_r of a fiber is defined by the equation:

$$\text{Log} (P_{on}/P_{off}) = C_r \cdot P_p \cdot L$$

in which Log is the Napierian ~~algorithm~~ logarithm, L is the length of the fiber, P_p is the power of a Raman pump wave injected into the fiber, P_{on} is the optical power at the outlet of the fiber, P_{on} is the optical power at the outlet of the fiber of an optical signal that has traveled along the fiber in the presence of the pump wave, and P_{off} is the optical power at the outlet of the fiber of the same optical signal that has traveled along the fiber in the absence of the pump wave.